

ZHUKOV-VLEZHNINIKOV, N.N.; YAZDOVSKIY, V.I.; MAYSKIY, I.N.; TRIBULIN, G.F.
PEKHOV, A.P.; SAKSONOV, P.P.; RYBAKOV, N.I.; ANTIPOV, V.V.;
ARTAM'YEV, N.S.; KOZLOV, V.A.; MISHCHENKO, B.A.; YUDIN, Ye.V.
RYBAKOVA, K.D.; ANICKIN, Ye.D.

Microbiological and cytological studies in conquering space.
Probl. kosm. biol. 3:184-192 '64. (MIRA 17:6)

MIKHAYLOV, P.M.; ANIDALOV, I.P.

Correctly calculate losses of raw material at flax factories.
Tekst. prem. 18 no.9:61 S '58. (MERA 11:10)
(Flax)

ANIDALOV, M.P.; LADYZHENSKIY, B.N.

Organizing the operation of electric melting furnaces in mass
production foundries. Lit. proizv. no.10:11-12 0 '63. (MIRA 16:12)

ANIFEROV, Filipp Yevdokimovich, kandidat sel'skokhoz'yaystvennykh nauk;
CHAPSKIY, O.U., redaktor; MOLODTSOVA, N.G., tekhicheskiy reduktor

[Machinery and implements for the care of orchards] Mashiny i orudiya
po ukhodu za sadom. Moskva, Gos. izd-vo sel'skoz.lit-ry, 1956.
157 p. (MLRA 10:2)

(Fruit culture) (Agricultural implements)

ANIFIMOV, A., kand. tekhn.nauk; SMOL'SKIY, N., inzh.

Lowering the cost of the acid-salt method of preserving sheepskins.
Mias. ind. SSSR 29 no.6:19-20 '58. (MIRA 11:12)
(Hides and skins)

CHERNYSHEV, A.P.; KONDRATENKO, I.V.; FOLYAKOV, P.V.; SOLOV'YEVA, P.N.;
ANIGIN, A.F.

Cableless circuit for the automation of belt and single-chain scraper
conveyers in a coal mine. Prom.energ. 16 no.6:10-11 Je '61.
(MIRA 15:1)

(Conveying machinery) (Automatic control)

ACC NR: AR6037011 (A, N) SOURCE CODE: UR/0181/66/008/011/3420/3422

AUTHOR: Kornilov, B. V.; Anfimov, A. V.

ORG: none

TITLE: Nonsinusoidal current oscillations in n-type silicon compensated with zinc

SOURCE: Fizika tverdogo tela, v. 8, no. 11, 1966, 3420-3422

TOPIC TAGS: silicon semiconductor, semiconductor band structure, impurity level, current oscillation

ABSTRACT: In analogy with the current oscillations observed in various semiconductors, the authors report observation of periodic oscillations in high resistivity n-type silicon ($\rho = 40 \text{ ohm-cm}$), doped with phosphorus and compensated with zinc to produce a second acceptor level at 0.55 eV from the bottom of the conduction band. The sample was measured in a circuit containing a dc source and a resistance much smaller than that of the sample. Weak current oscillations, 5% of the stationary current, appeared at a field intensity on the order of several hundred volt per centimeter. At a field $3 \times 10^3 \text{ v/cm}$, intense oscillations with a period of 3 sec appeared. These oscillations were not sinusoidal, the ratio of the maximum to minimum current being 2. With increasing field, the amplitude of the oscillations decreased and the large peaks disappeared. The frequency on the character of the oscillations did not change when the external resistance, capacitance, and inductances in the circuit were varied. The slow period of the oscillations ($\sim 3 \text{ sec}$) can-

Card 1/2

ACC NR: AP6037011

not be attributed to the reactive elements in this circuit. Similar oscillations were observed in individual samples in which the zinc and phosphorus concentrations were doubled, except that the critical field was 5×10^3 v/cm and the oscillation period increased to 10 sec. The main difference between the observed oscillations and those reported earlier is that they began at different polarities of the applied voltage and are five orders of magnitude lower in frequency. In the authors' opinion the oscillations are connected with domain instability. Orig. art. has: 2 figures.

SUB CCDE: 20/ SUBM DATE: 03Jun66/ ORIG REF: 007/ OTH REF: 004

Card 2/2

ANIKANDROV, B.V.

Subternal goiter. Khirurgiia no.11:39-44 N '53. (MLRA 6:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zaveduyushchiy - profesor A.G.Brshozovskiy) Kuybyshevskogo meditsinskogo instituta. (Goiter)

EXCERPTA MEDICA Sec.9 Vol.11/11 SURGERY

АНИКАНДРОВ В. В.

5843. ANIKANDROV B.V. Surg. Clin., Fac. of the Med. Inst., Kuibyshev, USSR.
Contribution to the prophylaxis of postoperative thyro-

toxicosis (Russian text) KHIRURGIJA 1955, 2 (53-55)

In order to minimize the absorption of thyrotoxic products from the wound of the operation, frequent cleansing of the wound by irrigation with a solution of novocaine and penicillin is recommended. An elastic rubber drainage tube, about 0.5 cm. in diameter, is left in the depth of the wound, the ends of this tube protruding from the corners of the wound, which is sutured in layers. The middle part of the tube has a number of wide openings, through which the novocaine solution percolates into the wound and is afterwards emptied. The afferent end of the tube is connected to an apparatus with the drip solution. The efferent end of the tube emerges into a bottle. Wound lavage is carried out for 2 days, using 1-1.5 l. of 0.5% novocaine solution with penicillin (200,000-300,000 U. to one litre). An additional washing out of the wound with 1-2% of the solution can be carried out. The method described was employed in 22 cases with good results.

Stuchinskii - Leningrad

ANIKANDROV, B.V., kandidat meditsinskikh nauk (Kuybyshev (obl.), Lenin-
gradskaya ul., d. 72, kv. 19)

Echinococcosis of the thyroid. Vest.khir. 75 no.3:121-122 Ap '55.
(MIRA 8:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav.-prof. A.G.Brzho-
zovskiy) Kuybyshevskogo meditsinskogo instituta.
(THYROID GLAND, diseases,
echinococcosis)
(ECHINOCOCCOSIS,
thyroid)

ANIKANDROV, B. V.
EXCEP. A MEDICA Sec. 3 Vol. 12/3 Endocrinology Mar 58

431. INVESTIGATION OF THE FUNCTIONAL ACTIVITY OF TISSUE IMPLANTS OF THYROID GLAND WITH THE AID OF I^{131} - K voprosu ob issledovanii funktsionalnoi aktivnosti implantantov tkani shchitovidnoi zhelezy s pomoshchyu radioaktivnogo ioda - Anikandrov B. V. Med. Inst., Kuibyshev - PROBL. ENDOKR. 1956, 2/6 (73-74)
- The function of tissue implants of thyroid gland from patients with Basedow's (Graves') disease was studied. In the 2 cases described the transplanted thyroid gland tissue possessed high powers of concentration of I^{131} . Dilman - Leningrad (S)

ANIKANDROV, B.V., dotsent (Kuybyshev)

Pain syndrome in goiter [with summary in English, p.125]. Probl.
endok. i gorm. 3 no.1:83-84 Ja-F '57. (MLRA 10:6)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. S.L.Libov)
Kuybyshevskogo meditsinskogo instituta.
(HYPERTHYROIDISM, complications,
pain synd. (Rus))

ANIKANDROV, B.V., dotsent (Kuybyshev (obl.) ul. Leningradskaya, d.72 kv.19)

Surgery for severe forms of thyrotoxicosis conducted under hypothermia.
Nov.khir.arkh. no.3:56-57 My-Je '57. (MLRA 10:8)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. S.L.Libov)
Kuybyshevskogo meditsinskogo instituta
(THYROID GLAND--SURGERY) (HYPOTHERMIA)

ANIKANDROV, B.V., dots.

Surgical approach to the thyroid gland in the light of cosmetic results of strumectomy. Khirurgiia 34 no.10:63-70 0 '58

(MIRA 11:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. S.L. Libov) Kuybyshevskogo meditsinskogo instituta.

(GOITER, surg.

strumectomy, surg. approach to thyroid gland (rus))

ANIKANDROV, B.V., dots.

Operations for very large goiters. Khirurgia 35 no.3:126-
130 Mr '59. (MIRA 12:8)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof.
S.L.Libov) Kuybyshevskogo meditsinskogo instituta.
(GOITER, surg.
in very large goiters (Rus))

. ANIKANDROV, B.V.

Osteochondroma of the transverse process of the spine. Vest.Khir.
84 no.6:116-117 Je '60. (MIRA 13:12)
(SPINE—TUMORS)

ANIKANDROV, B.V., dots. (Kuybyshev (obl.), ul. Leningradskaya, d.72, kv.31)

Wandering spleen and torsion of its pedicle. Nov.khir.arkh.
no.11:36-40 '61. (MIRA 14:12)

1. Kafedra fakul'tetskoy khirurgii (i. o. zav. - dots. S.N.
Igubomudrov) Kuybyshevskogo meditsinskogo instituta.
(SPLEEN--ABNORMITIES AND DEFORMITIES)

ANIKANDROV, B.V. (Kuybyshev (obl.), Syzranskaya ul., d. 167, kv.4)

Traumatic chylothorax. Grund. khir. 5 no.4:100-103 JI-Ag'63
(MIRA 17:1)

ANIKANDROV, B.V., dotsent

Goiter of the radix linguae. Khirurgiia 40 no.12:46-53 D '64.
(MIRA 18:3)

1. Fakul'tetskaya khirurgicheskaya klinika (zav.- dotsent
M.P. Makarov) Kuybyshevskogo meditsinskogo instituta.

ANIKANDROV, B.V.; BYKHOVSKAYA, A.M.

Regional radiometry of thyroid gland tissue in various forms of
goiter. Med. rad. 10 no.9:23-27 S '65.

(MIRA 18:10)

1. Kafedra rentgenologii i radiologii (zav. - prof. Ye.L.Kavesh)
i fakul'tetskaya khirurgicheskaya klinika (zav. - prof. G.I.Ratner)
Kuybyshevskogo meditsinskogo instituta.

GURIN, I.L.; ANIKANDROV, B.V.

Endothelioma of the thyroid gland. Probl. endok. i gorm. 11
no.4:57-59 J1-Ag '65. (MIRA 18:11)

1. Kafedra patologicheskoy anatomii (zav.- prof. N.F. Shlyapnikov)
i kafedra fakul'tetskoy khirurgii (zav.- prof. G.L. Ratner)
Kuybyshevskogo meditsinskogo instituta.

ANIKANOVA, A.Z.

Using herbicides to improve meadows and pastures in Kazakhstan.
Vest. AN Kazakh. SSR 11 no. 10:90-93 0'55. (MLRA 9:1)

1. Predstavlena deystvitel'nyy chlenom AN KazSSR N.V. Pavlovym
(Kazakhstan--Pastures and meadows)

ANIKANOVA, Y.M.; BETTS, G.R.; ZHAKOVA, V.G.; KOMSKAYA, N.F.; KARMIN, B.K.;
PRISS, L.S.; REZNIKOVSKIY, M.M.; CHERNIKINA, L.A.; SHTEYN, Ye.B.

Structural and characteristic similarity of Soviet SKU polyisoprene
rubber and natural rubber. Kauch.i rez.no.1:4-14 Ja '57. (MLBA 10:2)
(Rubber--Synthetic)

ANIKANOVA, K.F.; SHPAK, Z.S.

Ways for improving the quality and increasing the durability
of tractor tires. Trakt. i sel'khoz mash. no.5:14-15 My '65.
(MIRA 18:6)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

ZAKHAROV, S.P.; ANIKANOVA, K.F.

Tires for agriculture. Kauch. i rez. 20 no. 4:1-3 Ap '61.
(MIRA 14:5)

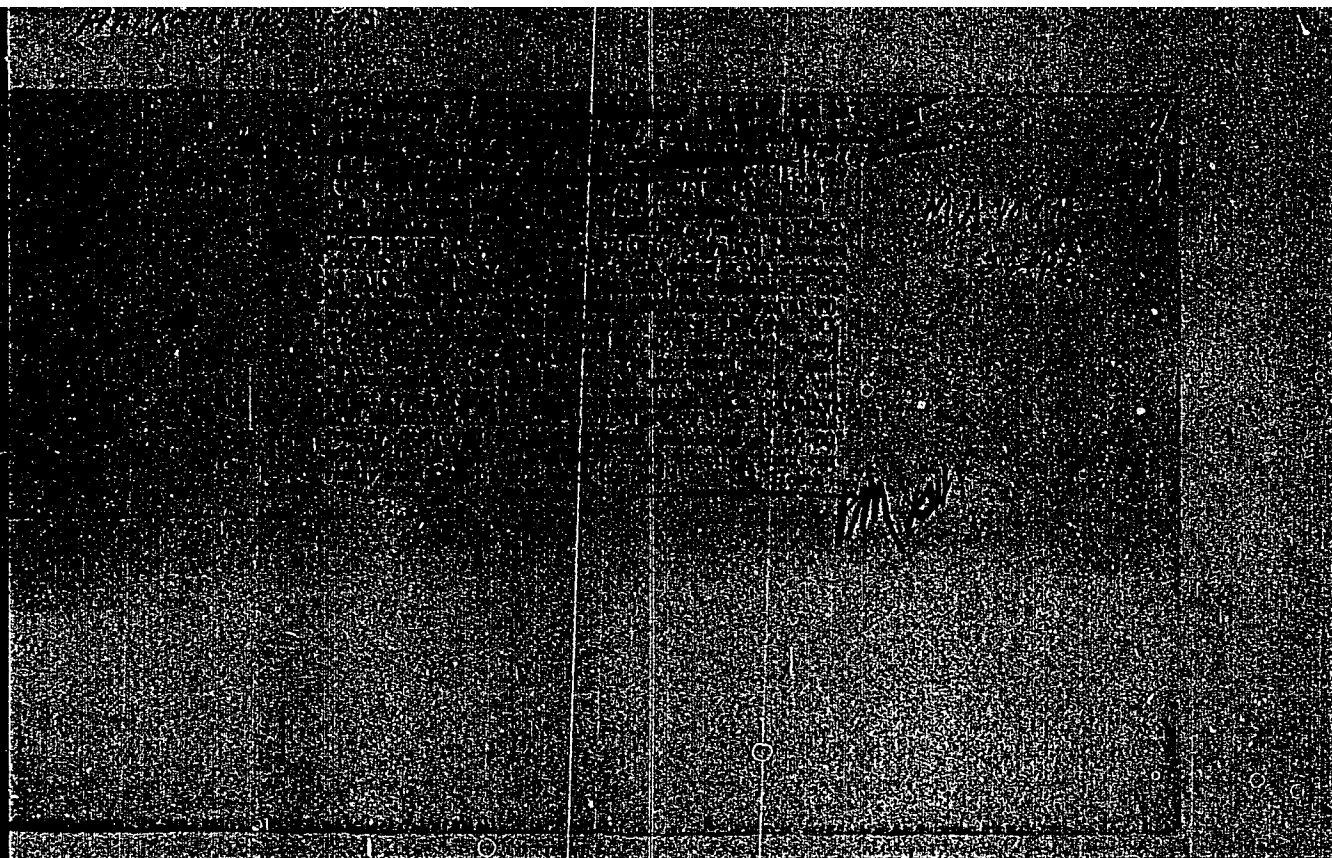
1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tractors—Tires)

ANIKANOVA, K.F.; ZAKHAROV, S.P.; SELEZNEV, I.I.; FURMAN, P.Yu., red.;
ZAZUL'SKAYA, V.F., tekhn. red.

[Tires for tractors, tractor trailers, and agricultural
machines; reference materials] Shiny dlia traktorov, traktornykh
pritsepov i sel'skokhoziaistvennykh mashin; spravochnye materi-
aly. Moskva, Goskhimizdat, 1963. 51 p. (MIRA 16:4)
(Agricultural machinery—Tires)

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ANIKANOVA, Z. F., CAND AGR SCI, "EFFECT OF ^{length} ~~THE~~ AMOUNT OF
DAYLIGHT ^{up to} ~~on~~ THE GROWTH AND DEVELOPMENT OF ^{corn} ~~MAIZE~~." KHAR'KOV,
1961. (MIN OF AGR UKSSR. KHAR'KOV ORDER OF LABOR RED BANNER
AGR INST IMENI V. V. DOKUCHAYEV). (KL-DV, 11-61, 224).

-207-

ANTHACSVILI, V.G., Cand Med Sci --(disc) "Effectiveness of ^{the} ~~the~~ treatment of chronic inflammation of ^{the} ~~the~~ bladder ~~with~~ according to ~~the~~ data of "Dorzhoni-Ikani" ^{series} ~~series~~." Tbilisi, Publishing House of the Acad Sci Georgian SSR, 1959. 19 pp (Tbilisi State Med Inst), 200 copies (VI, 29-59, 131)

-67-

ANIKEVICH, A. F.

ANIKEVICH, A. F. --"Method of Determining Power Losses in Municipal Electric Networks." (Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) *Abstract Journal Management Science* K. D. Pamfilov, Moscow, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Technical Sciences

A. 11. 11. 11.
ACHKINAZI, S., inzh.-polkovnik; GAYENKO, A., inzh.-polkovnik; SHCHERBAN', V.,
inzh.-podpolkovnik; ANIKEVICH, R., kapitan tekhn. sluzhby;
KUZNETSOV, A., inzh.-kapitan; BIRYUKOV, A., starshiy inzh.-leytenant.

Experience in using a standard kit of universal accessories. Tankist
no.2:57-60 F '58. (MIRA 11:3)
(Tanks (Military science)--Maintenance and repair)

ANIKEVICH, V.A., fel'dsher (Zagorsk)

Storing of stained preparations. Fel'd. 1 akush. no. 6:54 Je '54.
(MLRA 7:7)

(STAINS AND STAINING, apparatus and instrument
*cabinet for storing stained preparations)

ANIKEVICH, V.A., fel'dsher (g. Zagorsk Moskovskoy oblasti)

Staining blood specimens. Fel'd.i akush. no.4:50 Ap '55.(MLRA 8:7)

(BLOOD--EXAMINATION)

(STAINS AND STAINING (MICROSCOPY))

Handwritten signature
ANIKEVICH, V.A., fel'dsher (Zagorsk)

"Clinical laboratory examinations" by A.IA.Al'tgauzen. Fel'd. i
akush. 22 no.10:62-63 O '57. (MIRA 11:1)
(MEDICAL TESTS)

ANIKEVICH, V.A., starshiy leytenant meditsinskoy sluzhby; MEDINTSEV, L.F.,
starshiy leytenant meditsinskoy sluzhby

Method for the mass staining of preparations under field con-
ditions. Voen.-med.zhur.no.8:85-88 Ag'58. (MIRA 16:7)
(STAINS AND STAINING (MISCROSCOPY)—EQUIPMENT AND SUPPLIES)

ANIKEVICH, V.A., starshiy leytenant meditsinskoy sluzhby

Small apparatus for erythrocyte sedimentation tests. Voen.-med.
zhur. no.3:87 Mr '60. (MIRA 14:1)
(PHYSIOLOGICAL APPARATUS)

ANIKEVICH, V.A., starshiy leytenant meditsinskoy sluzhby

Determining hemoglobin with a photoelectric colorimeter. Voenn.-
med.zhur. no.9:74-75 S '61. (MIRA 15:10)
(HEMOGLOBIN) (COLORIMETRY)

NIKOLAYEV, S. I., GRYASHCHENKO, I. M., STANIN, S. I., STANIN, S. I.,
STANIN, S. I., STANIN, S. I., STANIN, S. I., STANIN, S. I.,
STANIN, S. I., STANIN, S. I., STANIN, S. I., STANIN, S. I.,
STANIN, S. I., STANIN, S. I., STANIN, S. I., STANIN, S. I.

"Hygienic characteristics of the day regimen of hospital school
children."

report submitted at the 13th All-Union Conference of Hygienists, Epidemiologists
and Infectiousists, 1955.

ANIKEYENKO, A.; LESHCHINSKIY, A.

Restaurant with a store of semiprocessed and ready-to-eat food products.
Obshchestv.pit. no.1:38-40 Ja '63. (MIRA 16:4)
(Restaurants, lunchrooms, etc.--Design and construction)
(Food industry)

ANIKEYENKO, A., inzh.

Mechanized workshop for sauerkraut. Sov.torg. 35 no.1:52-54 Ja
'62. (MIRA 15:1)
(Sauerkraut)

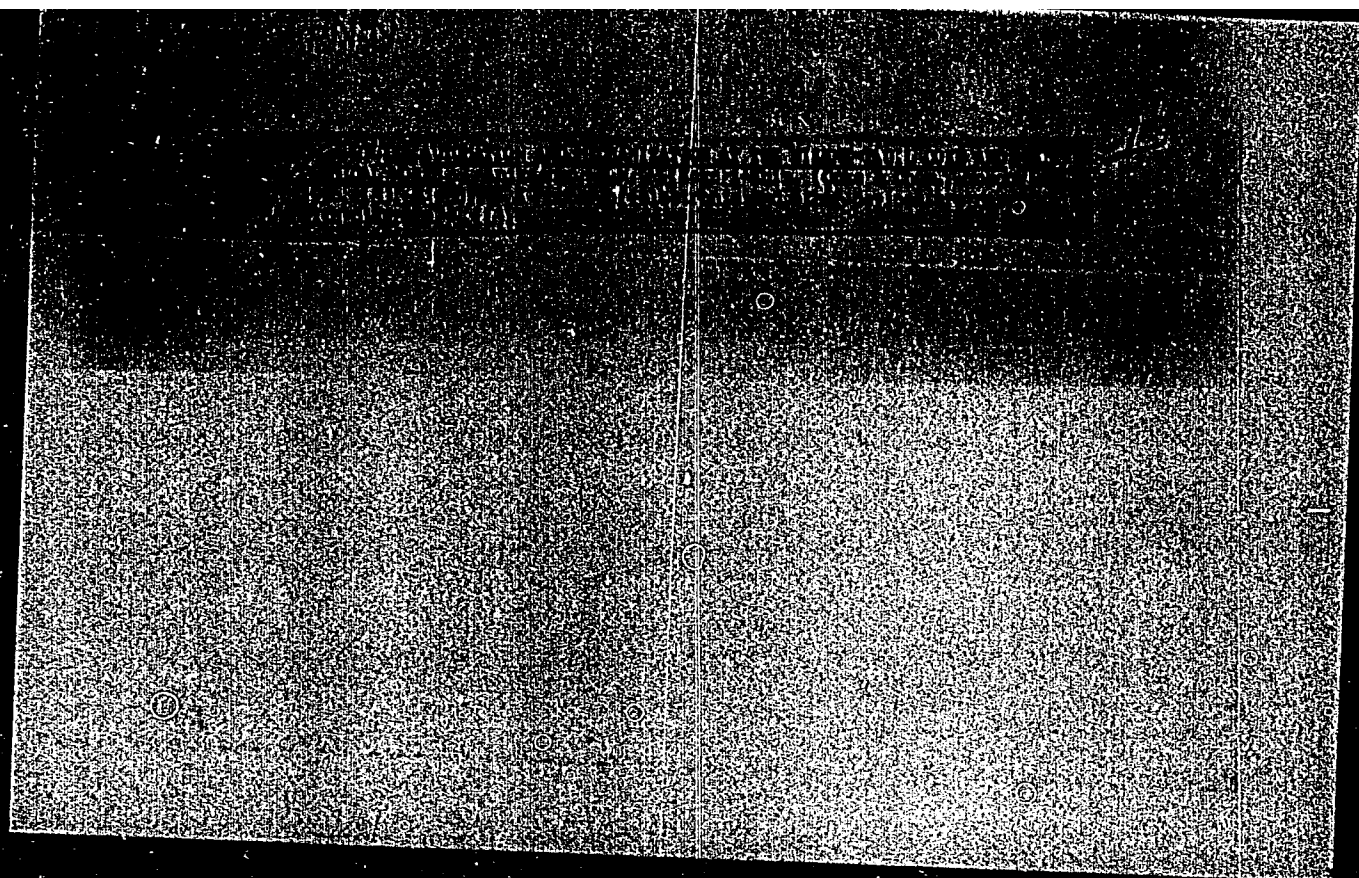
PETROV, G.D.; FIRSOV, N.V.; KOLCHIN, N.N.; KALAMIN, A.I.; KUCHERENKO, N.Ye.;
ANIKHEYENKO, A.I.

Mechanization of potato storing and prospects for its development.
Trakt. i sel'khoz mash. no.7:22-24 J1 '64. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya, Moskva (for Petrov, Firsov, Kolchin, Kalamina). 2. Nauchno-issledovatel'skiy institut trgovli i obshchestvennogo pitaniya (for Kucherenko). 3. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy trgovli i obshchestvennogo pitaniya (for Anikeyenko).

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S/110/61/000/001/002/023
E032/E455

AUTHORS: Anikeyenko, V.M. Engineer and
Kessenikh, R.M. Candidate of Technical Sciences

TITLE: Thermal Expansion of Polymers

PERIODICAL: Vestnik elektropromyshlennosti, 1961, No 1 pp 4-6

TEXT: An experimental study is reported of the thermal expansion of polystyrene, polydichlorostyrene, polymonochlorostyrene, polyethylene and Teflon ("ftoroplast-4"). The first three polymers were prepared from powders using normal techniques, while polyethylene and Teflon were of the commercially available variety. In all cases, the structure of the specimens was checked by X-ray methods. The specimens were cylindrical in form (dia. 6 mm, length 4 to 6 mm). The thermal expansion was investigated by an interference method so that practically no stresses were applied to the specimens. The relative expansion was measured with temperatures rising in the range 20 to 100°C and also with temperatures falling in the same range. The rate of heating was 0.5°C/min and the rate of cooling 0.75°C/min. The expansion coefficient α was calculated from the formula

Card 1/4

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Thermal Expansion of Polymers

$$\frac{\Delta l}{l(\nu_2 - \nu_1)}$$

where l is the length at $\nu = 20^\circ\text{C}$. The temperature was measured by a copper-constantan thermocouple and no heat treatment was applied to the specimen before measurement. The hysteresis effect in the thermal expansion was observed in all the specimens. The temperature coefficient of linear expansion for the above materials was found to be large $[(58 - 200) \times 10^{-6} \text{ deg}^{-1} \text{ at } 50^\circ\text{C}]$. Amorphous and crystalline polymers were investigated separately. It is well-known that the reason for the thermal expansion of solid bodies is the increase in the thermal vibrations of particles with increasing temperature. In the above materials the structural elements taking part in the thermal vibrations are macromolecules as a whole, isolated parts of the macromolecules, and also side radicals. Thermal expansion is affected both by internal molecular displacements and intermolecular forces. It would therefore, appear that the presence of polar groups in a polymer

Card 2/4

886/11

S/110/61/000/001/002/023
E032/E455

Thermal Expansion of Polymers

would affect its thermal expansion. Polar polymers should have lower values of the linear expansion coefficients than non-polar polymers. This was found to be the case for polychlorostyrene in which the temperature coefficient of linear expansion between 20 and 100°C was found to lie between 58.7×10^{-6} and 66.0×10^{-6} while for polystyrene in the range 20 to 85°C, the temperature coefficient was found to lie between 74.4×10^{-6} and 75.4×10^{-6} . For polymonochlorostyrene this rule does not hold, beginning at approximately 55°C. The temperature coefficient of polymonochlorostyrene in the temperature range 20 to 100°C lies between 67.5×10^{-6} and 91.6×10^{-6} . It is suggested that the thermal expansion of polymers is affected not only by polar groups but also by other factors, such as the length and flexibility of the main and side chains. The relative expansions of crystalline polymers also showed hysteretic behaviour both in the relative expansion and the expansion coefficient. A characteristic property of crystalline polymers is the fact that the expansion coefficient

Card 3/4

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E032/E455

Thermal Expansion of Polymers

returns to its original value after about ten hours. There are
6 figures and 2 references: 1 Soviet and 1 non-Soviet.

SUBMITTED: May 12, 1960

X

Card 4/4

A. IKEYENKO, V. M.; KEVROLEVA, K. M.; KESSENIKH, R. M.; SOYNIKOV, V. G.

Thermophysical characteristics of polyvinyl chloride plastics.
Izv. vys. uch. zav.; fiz. 3:121-123 '62.

(MIRA 15:10)

1. Tomskiy politekhnicheskii institut imeni S. M. Kirova.

(Ethylene—Thermal properties)

ANIKEYENKO, V. M.; KEVROLEVA, K. M.; KESSENIKH, R. M.; SOTNIKOV, V. G.

Thermal aging of a polyvinyl chloride plastic. Izv. vys. uch.
zav.; fiz. 3:149-152 '62. (MIRA 15:10)

1. Tomskiy politekhnicheskii institut imeni S. M. Kirova.

(Vinyl compound polymers—Thermal properties)

ANIKEYENKO, V.M.; KEVROLEVA, K.M.; KESSENIKH, R.M.; SOTNIKOV, V.G.

Conductance and dielectric loss in polyvinyl chloride plastics.
Izv. vys. ucheb. zav.; fiz. no.5:75-80 '62. (MIRA 15:12)

1. Tomskiy politekhnicheskiy institut imeni S.M. Kirova.
(Polymers—Electric properties)
(Dielectric loss)

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S/110/62/000/006/001/002
1010/1210

AUTHORS: Anikeyenko, V. M., (Engineer) Kevroleva, K. M., Kessenikh, P. M. Cundidater for
Medical Science and Sotnikov, V. (Engineer)

TITLE: Radiation-damage stability of polynviylchloride plastics of insulation and jacket pre-
scriptions

PERIODICAL: Vestnik elektro-promyshlennosti, no. 6, 1962, 16-20

TEXT: 6 insulation type and two jacket type plastics (all prescriptions given in a table) were irradiated with doses from 0 to 220×10^6 rad. The results of the measurements of the electrical and mechanical properties of irradiated samples presented in graphs, show that a substantial decrease of tensile strength and of the respective elongation of the plastic starts at 5×10^6 rad. The biggest change of σ , occurs in the region from $(5 + 50) \times 10^6$ rad. At a dose of 150×10^6 the tensile strength of a plastic containing 40% of plasticizer, decreased by 20% of its initial value; whereas that containing 60% of plastificator by 60% of the initial tensile strength. Irradiation causes chemical changes of the structure and therefore the resistivity decreased at 150×10^6 rad. to 3-37% of the initial one. At a total dose of 10^6 rad. the temperature-frequency change of the $\text{tg } \delta$ was about a 200% increase. The frost-resistance of the polyvinylchloride plastic decreases starting from the dose of 15×10^6 rad. The decomposition temperature starts decreasing from 5 to 15×10^6

Card 1/2

PRIVSEYTSKY, V.A., doktor tekhn. nauk, prof.; ANIKYUSHIN, V.M., inzh.

Heat resistance of copper and aluminum heavy-duty enameled
wires. Elektrotekhnika 35 no.9:30-31 S 164.

(MIRA 17:11)

RUBETS, D., kand. tekhn. nauk; ANIKEYEV, A., kand. tekhn. nauk

Review and bibliography. Avt. transp. 42 no.7:62-63 J1 '64.
(MIRA 17:11)

ANIKEYEV, A. G.

Dissertation: "An Investigation of Cyclograms of Automatic Upsetting Machines for the Purpose of Increasing Their Performance." Cand Tech Sci, Moscow Machine Tool and Tool Inst imeni I. V. Stalin, 23 Jun 54. (Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

ANIKEYEV, A.G., kand. tekhn. nauk

Studying the cyclogram of double acting automatic upsetters.
Sbor. MOSSTANKIN no.3:56-72 '55. (MIRA 13:3)
(Forging machinery) (Automatic control)

ANIKEYEV, A.G., kand.tekhn.nauk, dots.

Determination of cam parameters for cold headers. Sbor. MOSSTANKIN
no. 5:76-94 '60. (MIRA 14:2)
(Forging machinery)

ANIKEYEV, A.G., inzh.; GORODETSKIY, Ya. I., kand.tekhn.nauk

Stamping platinum blanks for watches without waste.
Priborostroenie no.6:14-15 Je '61. (MIRA 14:6)
(Clockmaking and watchmaking)

ANIKJEV, A.G. [Anikeyev, A.G.]; GORODECKIJ, J.I. [Gorodetskiy, Ya.I.]

Wasteless stamping of watch bases. Jemna mech opt 7 no.9:287-
288 S '62.

ANIKEYEV, A.K.

Problems in the work of Valentina D'iakova's brigade. Vest.
sviazi 24 no.10:26-27 O '64. (MIRA 17:12)

1. Predsedatel' mestnogo komiteta Tambovskoy pochtovo-telegrafnoy
stantsii.

USSR/Diseases of Farm Animals - Diseases Caused by Viruses
and Rickettsiae.

R-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, 54410

Author : Nikiforova, N.M., Shumcyko, U.Ya., Anikeyev, A.P.,
Rubinskiy, Ye.N.

Inst : -

Title : Experience in the Hyperimmunization of Horses for the
Purpose of Obtaining Serum Against Swine Erysipelas
According to the Technique in Use in the German Democratic
Republic.

Orig Pub : Inform. byul. biol. prom-sti, 1957, No 2, 20-25

Abstract : No abstract.

Card 1/1

- 15 -

TIMIRYAZEV, A.K.; ANIKSEYEV, A.S., redaktor; MIKHAYLOVA, T.A., tekhnicheskij
redaktor. ~~kineticheskaya teoriya materii~~

[The kinetic theory of matter] Kineticheskaya teoriya materii.
Izd.2-e. [Moskva] Izd-vo Moskovskogo universiteta, 1954. 217 p.
(Matter--Constitution)

KHROGIAN, A.Kh. ANIKHEYEV, A.S. redaktor; MULIN, Ye.V., tekhnicheskiy
redaktor. ~~.....~~

[Mikhail Fedorovich Spasskii] Mikhail Fedorovich Spasskii,
Moskva, Izd-vo Moskovskogo univ., 1955. 50 p. (MLBA 8:7)
(Spasskii, Mikhail Fedorovich, 1809-1859)

KONONKOV, Arkadiy Fedorovich; PREDVODITELEV, A.S., professor, doktor
fiziko-matematicheskikh nauk, redaktor; ANIKETEV, A.S., redaktor;
MOTORINA, I.A., tekhnicheskii redaktor

[History of physics at Moscow University from its founding to the
60's of the 19th century, 1755-1859] Istorii fiziki v Moskovskom
universitete; s ego osnovaniia do 60-kh godov XIX stoletii 1755-
1859. [Moskva] Izd-vo Moskovskogo univ., 1955. 298 p. (MLRA 9:7)

1. Chlen-korrespondent AN SSSR (for Predvoditelev)
(Physics--Study and teaching)
(Moscow University--History)

ANIKHEYEV, A.V., inzh.; GARMASH, N.Z., kand. tekhn. nauk; BULAVKIN, I.I.,
gornyy inzh.

Using conveyors for hauling overburden rock. Ger. zhur. no.2:22-24
F '65. (MIRA 18:4)

1. Nauchno-issledovatel'skiy gornorudnyy institut, Donetskoye
otdeleniye. 2. Karakubskoye rudoupravleniye (for Anikeyev).

ANIKEYEV, A. V.

USSR/Chemical Technology -- Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1667

Author: Anikeyev, A. V.

Institution: None

Title: A Highly Efficient Method for the Beneficiation of Fluxing Limestone

Original

Periodical: Gorny zh., 1956, No 6, 51-53

Abstract: Screening does not assure the complete elimination of waste rock (clays and sand) from the limestone; this considerably lowers the quality of the flux. In addition, limestone particles of sizes 10-35 mm are lost in the bottoms; this fraction is most valuable in the fluxing of the agglomerate. A method developed at the beneficiation plant of the Elenov Mining Administration is recommended for the purification of the limestone. The method consists in washing limestone lumps of 40-80 mm on multiple-deck vibratory screens while the 10-40 mm fraction is sent through a series of wash mills. The yield of fluxing stone

Card 1/2

ANIKEYEV, A.V.

Improving the quality of fluxes and the washing efficiency of dressing limestones. Gor. zhur. no.11:66-68 N '61. (MIRA 15:2)

1. Upravlyayushchiy Karakubskim rudoupravleniyem.
(Limestone) (Ore dressing)

ANIKEYEV, A.V., inzh.; VASIL'KOVSKIY, N.A., inzh.

Truck haulage at the "Dol'nii" mine of the "Karakubstroi
Mine Administration." Met. i gornorud. prom. no.4:56-59
JL-Ag '62. (MIRA 15:9)
(Komsomol'skoye--Mine haulage)

ANIKEYEV, A.V.; BULAVKIN, I.I.; SARANCHUK, V.I.

Possibilities of using conveyor transportation in Karakum
flux limestone quarries. Sbor. trud. Inst. gor. dela AN URSSR
no.13:128-135 '63 (MIRA 17:7)

L 27298-65

ACCESSION NR: AP5002601

5/0179/61/000/005/0126/0130

AUTHOR: Anikevay, G. I. (Moscow)

TITLE: The dynamics of a rotating system, representing the rotors of fast turning machines, during resonance relationships between the frequencies

SOURCE: AN SSSR. Investiya. Mekhanika i mashinostroyeniye, no. 5, 1964, 128-130

TOPIC TAGS: dynamic stability, dynamic behavior, rotor vibration, self excited oscillation

ABSTRACT: The behavior of an isotropic rotating system with the dynamic equations

$$\ddot{q} + \lambda \dot{q} = -\alpha q - \gamma \dot{p} (q + \omega p) - \mu q (q^2 + p^2) + \frac{1}{2} \beta \omega q (q^2 + p^2 + \omega^2 \cos \omega t)$$

$$\ddot{p} + \lambda \dot{p} = -\alpha p - \gamma \dot{q} (q - \omega p) - \mu p (q^2 + p^2) + \frac{1}{2} \beta \omega p (q^2 + p^2) + \omega^2 \sin \omega t$$

$$\lambda = \frac{\Lambda \gamma}{|S - 1|}$$

in a region of possible subharmonic resonance was theoretically investigated. The equations as treated by S. P. Stral'kov (K teorii avtokolebaniy pod deystviyem sil, zavisyashchikh ot polozheniya, ZhTF, 1939, t. 17, No. 9) describe the motion of an

Card 1/1

L 27295-65

ACCESSION NR: AP5002601

unbalanced rotor rotating at a speed between the first and second order of critical speeds. These equations are a special case of the equations of motion for a symmetrical rigid body on isotropic elastic supports under conditions of possible self-excitation. This system is unstable for the conditions

$$\alpha_0 \frac{\omega}{\lambda} < \gamma_0 \frac{\omega}{\lambda} - (\gamma_0 + \alpha + \beta \alpha^2) \quad \alpha = \frac{\omega^2 / \lambda^2}{\omega^2 / \lambda^2 - 1}$$

The equations were investigated for the self-excited system and in the region of the only possible subharmonic resonance, i.e., $\omega \approx 3\lambda$. They were solved as a series

$$x = x_0 + \mu x_1 + \mu^2 x_2 + \dots$$

with

$$x_0 = M \cos(\omega_0 t + \alpha) + N \cos(3\omega_0 t + \alpha_1) + d_0 \sin \omega_0 t$$

(where $d_0 = (9/8)\epsilon$, α, M, N, θ and α_1 - arbitrary constants to be determined from the periodicity of the function x_1). If the constants $\alpha, \alpha_1, \rho, \gamma$ are given, then the frequency difference $k = k_0$, and the amplitudes $M = M_0$ and $N = N_0$ are given by

Cord 2/4

L 27298-65

ACCESSION NR: AP5002601

$$\begin{aligned} & \left(\frac{a_1}{\beta} + \frac{\beta}{a_1} \right) M^4 - 2 \frac{\beta}{a_1} M^2 N^2 + 2 \left(\frac{a_1}{\beta} - \frac{\beta}{a_1} \right) N^4 + \left[\frac{a_1}{\beta} \left(\frac{\alpha - 2\gamma}{a_1} + 4d\phi^2 \right) + \right. \\ & \left. + \frac{\beta}{a_1} \left(2d\phi^2 - \frac{k}{\beta} \right) \right] M^2 + 2 \left[\frac{a_1}{\beta} \left(\frac{\alpha + 4\gamma}{a_1} - 2d\phi^2 \right) - \frac{\beta}{a_1} \left(2d\phi^2 - \frac{k}{\beta} \right) \right] N^2 = 0 \\ & 6M^4 N^2 + 4N^6 + 2 \left(\frac{\alpha + 4\gamma}{a_1} - \frac{k}{\beta} \right) N^4 - \left(\frac{\alpha - 2\gamma}{a_1} + \frac{k}{\beta} + 2d\phi^2 \right) M^2 = 0 \\ & (-k + \beta(M^2 + 2N^2 + 2d\phi^2))^2 + (\alpha - 2\gamma + a_1(M^2 + 4d\phi^2))^2 - 4d\phi^2 N^2(a_1^2 + \beta^2) = 0 \end{aligned}$$

The combined phase angle $\psi = 2\theta + \alpha$ is found from

$$\begin{aligned} \cos \psi &= \frac{a_1 a_1 + a_2 \beta}{2d_0 N(a_1^2 + \beta^2)}, & \sin \psi &= \frac{a_1 \beta - a_2 a_1}{2d_0 N(a_1^2 + \beta^2)}, & \psi &= 2\theta + \alpha \\ \cos \psi &= \frac{N(a_2 \beta - a_2 a_1)}{d_0 M^2(a_1^2 + \beta^2)}, & \sin \psi &= \frac{N(a_2 a_1 + a_2 \beta)}{d_0 M^2(a_1^2 + \beta^2)} \end{aligned}$$

The results show that the motion is only a function of the combined phase ψ and not of the individual phase angles θ and α (as expected), and that synchronization of the frequencies around $\omega \approx 3\gamma$ does not occur, i.e., the periodic regime with period $6\pi/\omega$ at $k \neq k_0$ returns to stability. The author thanks M. Ya. Kushul for his comments. Orig. art. has: 12 formulas and 1 figure.

Card 3/4

L 27298-65

ACCESSION NR: AP5002601

ASSOCIATION: none

SUBMITTED: 24Feb64

ENCL: 00

SUB CODE: GP, ME

NO REF SOV: 002

OTHER: 000

Card 4/4

TARANOV, M., kand.biol.nauk; ANIKHEYEV, I.; PRIPUTNEV, V.; MARKOV, A.

Chemical preservation of grain in Ryazan Province. Muk.-elev.prom.
26 no.1:14-16 Ja '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konevodstva (for Taranov). 2. Nachal'nik elevatorno-skladskogo otdela Ryazanskogo upravleniya khleboproduktov (for Anikayev). 3. Direktor Rybnovskogo khlebopriyemnogo punkta (for Priputnev). 4. Glavnyy agronom 98-gc konnogo zavoda Ryazanskoy oblasti (for Markov).
(Ryazan Province--Grain--Storage)

ZHOV'TYY, I.F.; YEMEL'YANOVA, N.D.; FEDOROVA, L.V. [deceased]; RYZHUK,
T.I.; LEONOV, Yu.A.; SUCHEVSKIY, P.T.; MOSKALENKO, V.V.;
KOZLOVSKAYA, O.L.; DEMIDOVA, A.A. [deceased]; ANIKEYEV, I.K.;
CHIPIZUBOVA, P.A.; PROLIP'YEV, V.N.

Materials for a study of the trombiculid mites of Siberia and
the Far East. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:
156-172 '57. (MIRA 13:7)

(SIBERIA, EASTERN--MITES)

TARANOV, M.T., kand.biologicheskikh nauk; MEL'NIKOVA, T.S., kand.
sel'skokhozyaystvennykh nauk; MARKOV, A.K.; AKSENOVA, L.N.;
ZAYARKO, I.N.; ANIKEYEV, I.S.; PRIPUTNEV, V.S.

Chemical preservation of forage grain of high moisture content.
Zemledelie 8 no.9:53-57 S '60. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konevodstva (for
Taranov). 2. Vsesoyuznyy institut zhivotnovodstva (for
Mel'nikova). 3. Glavnyy agronom 98-go konnogo zavoda Ryazanskoy
oblasti (for Markov). 4. Glavnyy vetvrach 98-go konnogo zavoda
Ryazanskoy oblasti (for Aksenova). 5. Zaveduyushchiy zernoskladami
98-go konnogo zavoda Ryazanskoy oblasti (for Zayarko).
6. Nachalnik elevatorno-skladskogo otdela Ryazanskogo upravleniya
Khleboproduktov (for Anikeyev). 7. Direktor Rybnovskogo Khlebo-
priyemnogo punkta Ryazanskoy oblasti (for Priputnev).
(Grain--Storage) (Sodium pyrosulfite)

AMIKHEYEV, A. V., inzh.

Experimental use of belt conveyors. Met. i gornorud. prom.
no.1:53-56 Ja-F '63. (MIRA 16:4)

(Ore dressing) (Conveying machinery)

ANIKEYEV, I. YA.

USSR/Engineering - Hydraulics, Method Jul 51

"Hydromechanization of Baring Works of Cement
Open Pits," I. Ya. Anikeyev, Engr

"Gidrotekh Stroi" No 7, pp 31-34

Complex method of using mech excavators and hydraulic monitors was employed for baring works in pits of southern cement plant. Describes operational procedure and concludes that hydraulic mining, being most efficient method for baring works, makes possible open-pit extraction of mineral deposits situated at considerable depth.

199T63

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000101620005-6

ANIKHEYEV, I. Ya.

Hydraulic mechanization of filling operations. *Biul. stroi. tekhn.*, 9, No. 11, 1952.

SO: MLRA. October 1952

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000101620005-6"

- [illegible]

ANIKEYEV, I. Ya.

Use of hydromechanization in leveling ravines. Gird stroi. 21 No. 4 1952.

SO: MLRA. August, 1952.

Anikeyev
BANDRIMER, N.; ANIKEYEV, I.

Hydraulic machinery in the building materials industry. Stroi.mat.,
izdel.i konstr. 1 no.6:5-10 Je '55. (MLRA 9:1)

- 1.Upravlyayushchiy trestom "Soyuzgidromekhanizatsiya" (for Bandrimer).
- 2.Glavnyy inzhener proyektnoy kontory tresta (for Anikeyev).
(Hydraulic machinery) (Quarries and quarrying)

ANIKEYEV, I. Ya., inzhener

The effectiveness of hydraulic stripping. Gor.zhur. no.9:22-24
S '55. (MLRA 8:8)
(Belgorod--Chalk) (Hydraulic mining)

~~ANIKYEV~~ I. Ya.; NIKONOV, G.P., nauchnyy redaktor; PRUDNIKOVA, M.N.,
redaktor; LYUDKOVSKAYA, N.I., tekhnicheskiy redaktor

[Hydromechanization in the mining and quarrying of industrial building
materials] Gidromekhanizatsiya na kar'erakh promyshlennosti stroitel'-
nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit. materialam.
1956. 199 p.

(MLRA 9:12)

(Building materials industry) (Hydraulic mining)

ANIKEYEV, I.

Advantages of hydraulic transportation in open pits. Stroi.
mat. 2 no.11:19-21 N '56. (MLRA 10:2)

1. Glavnyy inzhener proyektnoy kontory tresta "Soyuzgidro-
mekhanizatsiya."

(Pumping machinery)
(Clay--Transportation)

ANIKEYEV, I.Ya., inzhener.; ROZENBERG, A.Z., inzhener.

Unit for hydraulic transportation of excavated soil. Mekh.stroi.
14 no.3:17-19 Mr '57. (MLRA 10:4)
(Hydraulic machinery)

ANIKEYEV, I-Ya.

AUTHOR: Kapralov, Ye. P., Engineer

SOV/118-58-1-15/16

TITLE: On the book "Hydraulic Mechanization in the Quarries of the Building Material Industry" by I. Ya. Anikeyev (O knige I. Ya. Anikeyeva "Gidromekhanizatsiya na kar'yerakh promyshlennosti stroymaterialov")

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 1, p 46, (USSR)

ABSTRACT: The above-mentioned book is reviewed.

1. Industrial equipment 2. Quarries---Equipment 3. Literature

Card 1/1

AUTHOR: Anikeyev, I.Ya., Engineer SOV-98-58-2-3/21

TITLE: Experience in Utilizing Opencast Rocks in the Construction of Dams (Opyt ispol'zovaniya vskryshnykh porod dlya namyva damby)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 2, pp 11-13 (USSR)

ABSTRACT: At the southern outskirts of the town Kryukov on the Dnepr (Poltava Oblast'), a granite layer is covered with a 20 m thick layer of deluvial deposits of the Dnepr, consisting of sandy soil. The author describes how over the last 4 years, the layer was washed away by hydraulic excavators and then, in the form of pulp, was transported by pipeline to a 5 km distant flood control dam. During the period 1953 - 1956, 1.5 million cu m of rock were thus transported to the dam. The author gives particulars on the composition of the pulp, the method of deposition and the advantages achieved by this operation. One of the peculiarities of the hydraulic installation is a ramified system of pipelines made of ply-

Card 1/2

SOV-98-58-2-3/21

Experience in Utilizing Opencast Rocks in the Construction of Dams

wood instead of steel. They have fully proved their usefulness.

There are 2 charts.

- | | |
|-------------------------|------------------------------|
| 1. Dams--Construction | 2. Materials--Transportation |
| 3. Pipelines--Materials | 4. Plywood--Applications |

Card 2/2

ANIKRYEV, I., inzh.

Hydraulic mining of overburden. Stroi. mat. 4 no.4:16-18 Ap '58.

(MIRA 11:5)

(Hydraulic mining)

ANIKHEV, I.Ya., inzh.

Pay more attention to the continuous working of ground. Stroi. i
dor. mashinostr. 5 no.10:39-40 0 '60. (MIRA 13:10)
(Earthmoving machinery)

ANIKEYEV, I. Ya., inzh.

Effective use of hydraulic machinery in removing overburden.
Stroi. mat. 6 no.3:22-24 Mr '60. (MIRA13:6)
(Hydraulic mining)

ZELENSKIY, N.M.; KORSUN', M.Ya.; STEFANOVICH, V.I.; TARTAKOVSKIY, B.N.;
ANIKYEV, I.Ya. (Moskva)

Mechanization of mining operations; underground and open-cut
workings. I.R. Voroshilin. Reviewed by N.M. Zelenski and
others. Gor.zhur. no.10:78-80 O '60.

(MIRA 13:9)

1. Dnepropetrovskiy gornyy institut (for Tartakovskiy).
(Mining engineering--Equipment and supplies)
(Voroshilin, I.R.)

VORONENKOV, Yu.P., gornyy inzh.; DOBROVOL'SKIY, V.V., kand.tekhn.nauk
ANIKEYEV, I.Ya., inzh.

"Hydraulic mining operations" by G.A. Nurok. Reviewed by
Yu.P. Voronenkov, V.V. Dobrovol'skiy, I.IA. Anikeev. Gor.
zhur. no. 11:78-79 N '60. (MIRA 13:10)

1. Zamestitel' predsedatelya Vostochno-Kazakhstanskogo
sovnarkhoza (for Voronenkov). 2. Institut gornogo dela AN SSSR
(for Dobrovol'skiy). 3. Institut Proyektgidromekhanizatsiya
Minstroya RSFSR (for Anikeev).
(Hydraulic mining) (Nurok, G.A.)

ANIKEYEV, I.Ya., inzh.

"Production of nonmetallic mineral construction materials as
aggregates for concrete" by L.P.Rat'kovskii. Reviewed by I. IA.
Anikeev. Stroi. mat. no.4:37-38 Ap '61. (MIRA 14:5)
(Aggregates (Building materials))
(Rat'kovskii, L.P.)

PODSHIVALKIN, I., inzh.; ANIKEYEV, N., inzh.

Operation of loaders in the Riga harbor. Mor. Plot 22 no.8:13-14
Ag '62 (MIRA 15:7)

1. Rizhskiy port.

(Riga—Harbor)
(Cargo handling—Equipment and supplies)

ANIKEYEV, N.A.

Industrial testing of the autogenous grinding of copper-nickel
ores at the Afrikanda Plant. TSvet.net. 38 no.10:5-8 0 '65.
(MIRA 18:12)

ANIKHIEVA, N.F.

Magmatic formations in the various regions of Kazakhstan and
methods for studying them (First Kazakhstan Petrographic
Conference). Izv. AN SSSR. Ser.geol. 30 no.11:142-144. N 165.
(MIRA 78:12)

111 AND 112 DEGREE		PACKAGES AND PROPERTIES INDEX		102 AND 104 DEGREE	
MILIKBYEV, N-P.				a-2	
BC					
Adgare-Tim from ore deposits of Eastern Siberia. N. P. ANIKHAY and V. P. ZORIN (Trans. East-Siberian Geol. Trust, 1934, No. 8, 8-43).— The deposits are described. Analyses are given. Ch. Ann. (c)					
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION					
10000 CYMBLIVE					
100000 NIV GIV GIV		COLLISION		10000 BOMIRV	
100000 NIV GIV GIV		COLLISION		10000 BOMIRV	
100000 NIV GIV GIV		COLLISION		10000 BOMIRV	

ANIKEYEV, N. P.

U Gusev, A.I. Geologicheskii Ocherk Yugo-zapadnoy Chasti Taymyrskogo Poluostrova.
"Geological Notes on the S.W. Part of the Taymyr Peninsula." Trudy Arkt. Inst.,
Vol. 140, 1939.

SO: Trudy Arkhitekhnicheskogo Nauchno-Issledovatel'skogo Instituta, GUSMP, Council of
Ministers, Vol. 201, 1948